

1	HHNGTNGTMMQYFEWLPNDGNHWNRLRDDAANLKSKGITAVWIPPAWKGTQSNDVGYGA	60
3	-AAPFNGTMMQYFEWLPDDGTLWTKVANEANNLSSLGITALWLPPAYKGTTSRSDVGYGV	59
2	HHNGTNGTMMQYFEWLPNDGNHWNRLRDDASNLRNRGITAIWIPPAWKGTQSNDVGYGA	60
4	HHNGTNGTMMQYFEWLPNDGNHWNRLNSDASNLKSKGITAVWIPPAWKGSQNDVGYGA	60
1	YDLYDLGEFNQKGTVRTKYGTRNQLQAAVTSLKNNNGIQVYGDVVMNHKGGA DGTEIVNAV	120
3	YDLYDLGEFNQKGTVRTKYGKQAIQAAHAAAGMQVYADVVFHDKGGA DGTEWVDAV	119
2	YDLYDLGEFNQKGTVRTKYGTRSQLAESAIHALKNNGVQVYGDVVMNHKGGA DATENVLAV	120
4	YDLYDLGEFNQKGTVRTKYGTRSQLQAAVTSLKNNNGIQVYGDVVMNHKGGA DATEMVRAV	120
1	EVNRSNRNQETSGEYAI EAWTKFDPGRGNHHSSFKWRYHFDGTDWDQSRQLQN KIKYKF	180
3	EVNPSDRNQEISGTYQI QAWTKFDPGRGNNTYS SFKWRWYHFDGVDWDESRKLS -RIYKF	178
2	EVNPNNRNQEISG DYTEIAWTKFDPGRGN NTYSDFKWRWYHFDGVDW DQSRQFQNR IYKF	180
4	EVNPNNRNQEVTGEY TIEAWTRFDFPGRGN THSSFKWRWYHFDGVDW DQSRRLNN IYKF	180
1	RGTGKAWDWEVD TENGNYD YLMYAD VDM DHPEV IHE LRN WGV WT TNT LND GFR DAV KH	240
3	RGIGKAWDWEVD TENGNYD YLMYAD VDM DHPEV PEV TEL KNW GK WV VNT NID GFR DAV KH	238
2	RGDGKAWDWEVD SE EN GNYD YLMYAD VDM DHPEV VNE LRR GEW Y TNT LND GFR DAV KH	240
4	RGHGKAWDWEVD TENGNYD YLMYAD ID MDH PEV VNE LRN WGV WT TNT LGD GFR DAV KH	240
1	IKYSFTRDWLTH VNR TTGKPM FAVA EFW KNDL GAI EN LN K TS WN HS AF D V P L H Y N L Y N A	300
3	IKFSFFPDWLSY VRS QTG KPL FTV GEY WSY D INK L H N Y I T K T D G T M S L F D A P L H I N K E Y T A	298
2	IKYSFTRDWLTH VNR ATG KEM FAVA EFW KNDL GAI EN LN K T N W H S V F D V P L H Y N L Y N A	300
4	IKYSFTRDWLTH VNR SATG KNM FAVA EFW KNDL GAI EN LQ K T N W H S V F D V P L H Y N L Y N A	300
1	SNSGGYYDMRN I LNG SV VQ KHP THA V T F D N H D S Q P G E A L E S F V Q Q W F K P L A Y A L V L T R I	360
3	SKSGGAFDMR T L M T N L M K D Q P T L A V T F D N H D S Q P G E S L E S F V Q E W F K P L A Y A L I L T R Q	358
2	SNSGGNYDM A K L L N G T V V Q K H P M H A V T F D N H D S Q P G E S L E S F V Q E W F K P L A Y A L I L T R E	360
4	SKSGGNYDMRN I F N G T V V Q R H P S H A V T F D N H D S Q P E E A L E S F V E E W F K P L A Y A L T L T R E	360
1	QGYPSV FY G D Y Y G I P T H G V P A M K S K I D P L L Q A R Q T F A Y G T Q H D Y F D H H D I I G W T R E G N S S	420
3	EGYPCV F Y G D Y Y G I P Q Y N I P S L K S K I D P L L I A R D Y A Y G T Q H D Y F D H H I I G W T R E G G T E	418
2	QGYPSV FY G D Y Y G I P T H S V P A M K A K I D P I L A R Q N F A Y G T Q H D Y F D H H I I G W T R E G N T T	420
4	QGYPSV FY G D Y Y G I P T H G V P A M R S K I D P I L A R Q K Y A Y G K Q N D Y L D H H I I G W T R E G N T A	420
1	HPNSGLATIM SDG PGGN KWM YVG K N K A G Q V W R D I T G N R T G V T I N A D G W G N F S V N G G S V S	480
3	KPGSGLA L I T D G P G G S K W M Y V G K Q H A G K V F D L T G N R S D T V T I N S D G W G E F K V N G G S V S	478
2	HPNSGLATIM SDG PGG K W M Y V G Q N K A G Q V W H D I T G N K P G V T I N A D G W A N F S V N G G S V S	480
4	HPNSGLATIM SDG AGGS K W M F V G R N K A G Q V W S D I T G N R T G V T I N A D G W G N F S V N G G S V S	480
1	VWVKQ	485
3	VWVPRKTTV S T I A R P I T R P W T G F V R W T P R L V A W	514
2	IWVKR	485
4	IWVNK	485

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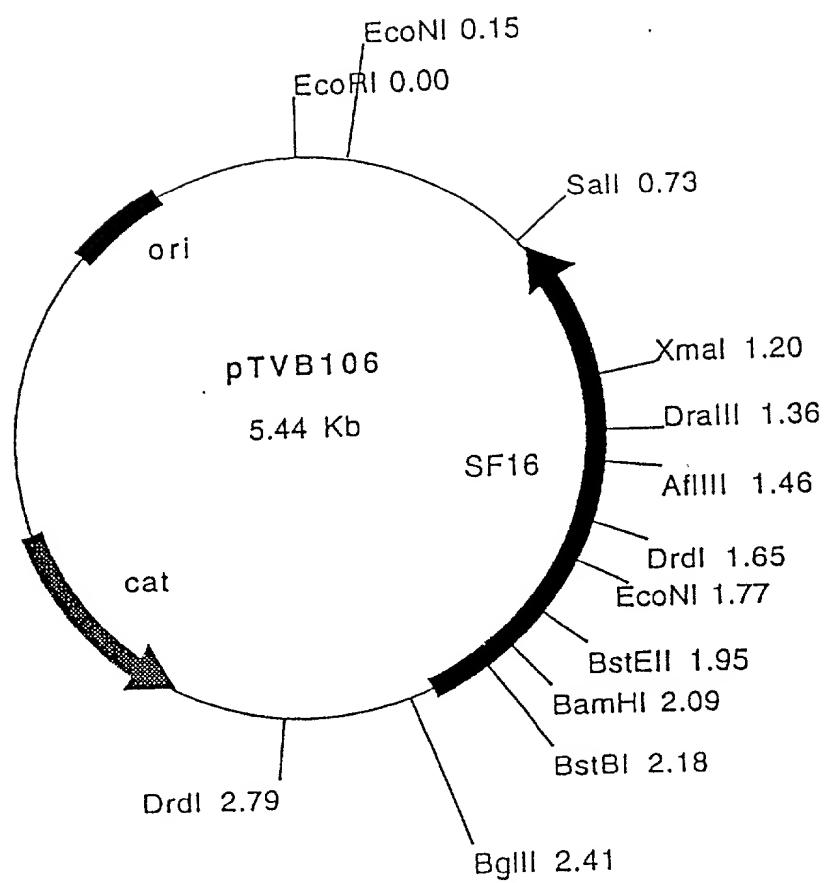


Fig. 2

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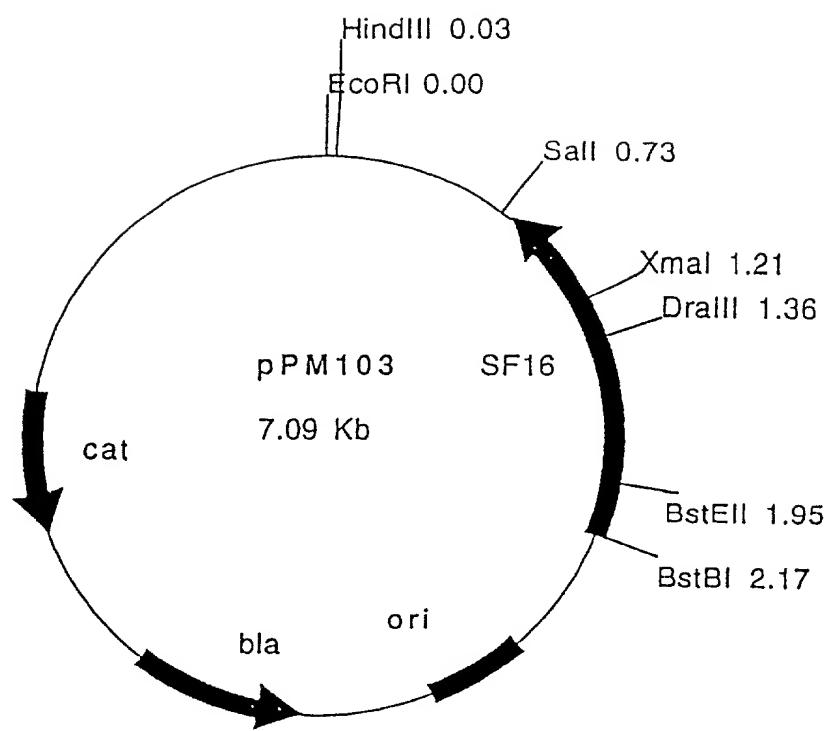


Fig. 3

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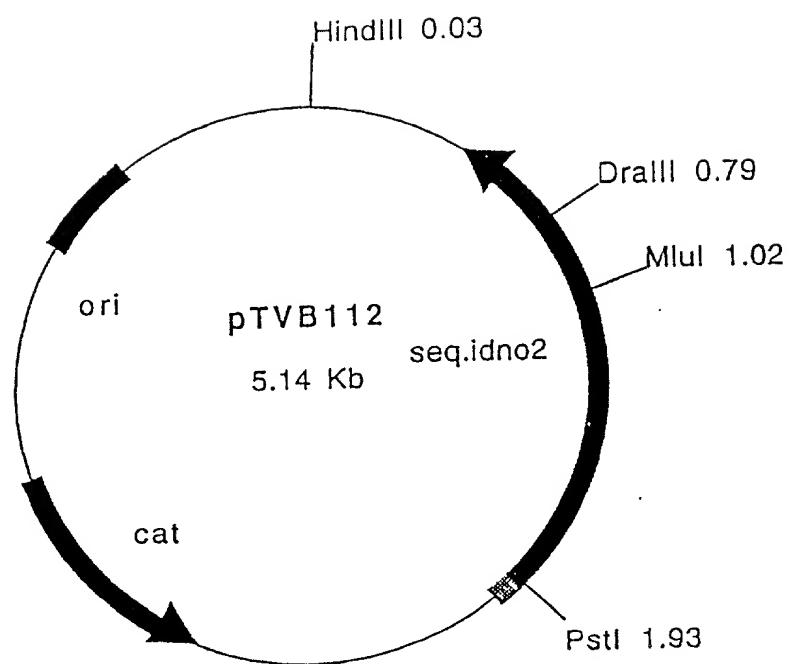


Fig. 4

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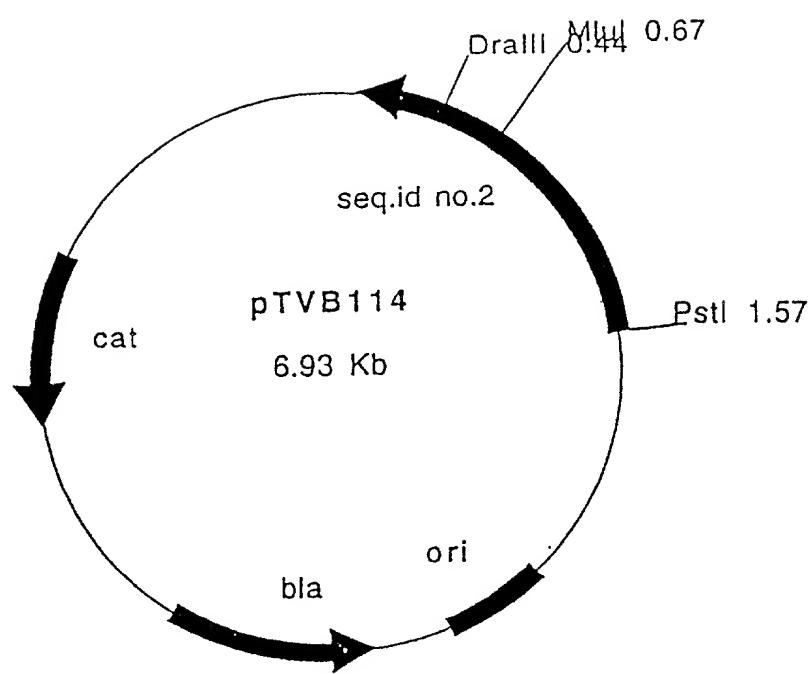


Fig. 5